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Luke Amey, P.E.

I have worked for total of five years as a structural engineer, the last four of which have been in the New York City area. While working for my previous employer, I was able to gain excellent experience in the technical aspects of structural engineering design as well as the business practices within the industry.

As a Project Manager, it was my responsibility to oversee all design engineering and construction document production, conduct structural coordination meetings with design teams and contractors, perform site observations and manage project finances. I have provided assistance throughout all project phases in order to understand clients' expectations, manage design processes and ensure that projects are being completed accurately, on schedule, and on budget.

As a Project Engineer, I coordinated the engineering design process with the Project Manager as well as undertaking a heavy portion of the technical design and review. I have designed structures in steel, concrete, wood, masonry, and light gage steel on projects ranging from small mechanical attachment framing to high rise medical facilities, both historic retrofit work and new construction. This varied experience has allowed me to more fully understand the structural characteristics of systems and draw on an expanse of knowledge when solving engineering problems.

As a Design Engineer, I was tasked with various engineering design problems by the Project Engineer and Project Manager. This is where the foundation of my technical engineering knowledge was developed. I have had the opportunity to design deep and shallow foundation systems, saw cut and engineered timber framing systems, steel and concrete framing systems, precast cladding systems, complicated connections in multiple materials, and perform the seismic evaluation of existing buildings and much more.

In addition to the invaluable technical and project management experience, I was also appointed office manager in charge of staff. While in this role, I was responsible for project staffing and projections. I was also responsible for the design and implementation of a complete restructuring within the office and a reevaluation of the accounting system. In addition, I was tasked with the evaluation of potential hires and the conducting of the interview process for incoming engineers.

Education
MS Architectural Engineering,
Structural Emphasis,
Kansas State University

BS Architectural Engineering,
Kansas State University

Past Employment
KPFF Consulting Engineers
2006 - 2011

Registration
Professional Engineer
New York

Project Experience

Below is a listing of some of the projects that I have had the opportunity to work on over the course of my career. I have made a point to give a more detailed description of the most substantial projects, either in scope of work or my involvement. I would be glad to provide further information or references for these projects upon request.

Greater Newark Conservancy, Newark, NJ, **Project Manager**
Architect: Sage + Coombe Architects
Year: 2011 – Ongoing
Description:
The Greater Newark Conservancy is completing the renovation of an existing synagogue as well as the addition of an adjacent 5,500sf office building. The addition is two stories above grade framed in steel and one story partially below grade framed in concrete walls. All of this is supported on concrete foundations. The project calls for below grade egress requiring the implementation of concrete retaining walls. Openings in the existing exterior synagogue wall are also created by utilizing steel lintels. This project is projected to begin construction in 2012.

Gay Street Townhouse, New York, NY, **Project Manager**
Architect: M. Castedo Architects
Year: 2010 – Ongoing
Description:
This project consists of the structural engineering services for the complete gut renovation of a five story (two below grade), 6,500sf, landmarked New York City townhouse. The design includes underpinning of a rear wall, steel stair design, and a seismic retrofit. The flooring system was designed as a light gage steel joist system and strapped shear walls were utilized for the lateral system. Construction is scheduled to start before the end of the 2011.

Hilton Bistro and Executive Lounge, New York, NY, **Project Manager**
Architect: Callison
Year: 2010 – Ongoing
Description:
Hilton is renovating the ground floor of their high rise, New York City hotel to include a bistro, kitchen, bar and executive lounge. The exiting building is constructed of concrete encased steel with one-way concrete slabs. The structural team was responsible for evaluating the existing structure for the new loads produced by the tenant improvement work. Architectural support was also provided in the form of movable partition support and furnishing designs.

Banana Republic, New York, NY, **Project Manager**
Architect: Gensler
Year: 2008 – 2010
Description:
This project consisted of the renovation of the lower two floors of a landmarked New York City building. The existing building was a timber joist and brick bearing wall structural system. Structural engineering services included the removal of a fifteen-foot long section of brick bearing party wall for one story to expand the store into the adjacent space. Design of an ornamental steel stair as well as varied and extensive repair of the existing timber floor framing was also provided.

Alexandria Bay Land Port of Entry, Wellesley Island, NY, **Project Engineer**
Architect: Morphosis
Year: 2008 – 2010
Description:
This Land Port of Entry (LPOE) project is a 98,275sf replacement of the existing border crossing. The project is being undertaken on the existing site and the land nearby the existing Alexandria Bay Land LPOE and includes a 3,200sf Main Administrative Building; a 2,800sf Commercial Building and Warehouse; a 300sf APHIS; a 1,500sf NII Building; a 6,900sf parking deck with canopy; and a 450sf Export Control Building. Various systems were chosen for each building depending on the size and use. These ranged from steel framing to precast double tees. The new facility is also being designed to include the provisions for seismic, blast and progressive collapse. There is also a mandate to achieve a LEED Silver Certification.

Newark Liberty International Airport (EWR) Delta General Information Displays, Newark, NJ, **Project Manager**
Architect: Stantec
Year: 2011 – Ongoing

Jacob Javits Federal Building Seismic Evaluation, New York, NY, **Design Engineer**
Client: General Services Administration (GSA) – Region 2
Year: 2010

346 Broadway Municipal Building Temporary Stabilization, New York, NY, **Project Manager**
Architect: Stantec
Year: 2010 – Ongoing

Stewart International Airport (SWF) Rental Car Center, New Windsor, NY, **Project Manager**
Architect: Stantec
Year: 2010

SWF Federal Inspection Services, New Windsor, NY, **Project Manager**
Architect: Stantec
Year: 2010

EWR Continental Escalator Replacement, Newark, NJ, **Project Manager**
Architect: Stantec
Year: 2010 – Ongoing

EWR Continental Roof Top Access, Newark, NJ, **Project Manager**
Architect: Stantec
Year: 2010 – Ongoing

EWR Continental Ice Machine, Newark, NJ, **Project Manager**
Architect: Stantec
Year: 2010 – Ongoing

EWR Continental General Information Displays, Newark, NJ, **Project Manager**
Architect: Stantec
Year: 2009 – Ongoing

FBI Headquarters, Chesapeake, VA, **Design Engineer**
Architect: Lohan Anderson
Year: 2009 – Ongoing

Perelman Residence Schematic Design, Harbour Island, BAH, **Design Engineer**
Architect: Gluckman Mayner Architects
Year: 2008 – Incomplete

Martin Luther King, Jr. Federal Building Seismic Evaluation, Newark, NJ, **Design Engineer**
Client: GSA – Region 2
Year: 2007

Jose V. Toledo Courthouse Seismic Evaluation, San Juan, PR, **Design Engineer**
Client: GSA – Region 2
Year: 2007

Alexander Hamilton US Custom House Seismic Evaluation, New York, NY, **Design Engineer**
Client: GSA – Region 2
Year: 2007

Summit 108 Cladding, Belleview, WA, **Design Engineer**
Architect: LMN Architects
Year: 2007

The Point Plaza Building E, El Segundo, CA, **Design Engineer**
Architect: Rossetti Architects
Year: 2007

Palomar Medical Center West, Escondido, CA, **Design Engineer**
Architect: CO Architects
Year: 2007 – Ongoing

St. Barnabas Hospital Pedestrian Bridge Inspection, New York, NY, **Design Engineer**
Client: St. Barnabas Hospital
Year: 2007

Crestview Lane Residence Construction Documents, Southampton, NY, **Project Engineer**
Architect: Brian O'Keefe Architects (BOKa)
Year: 2007 - 2011

Wild Orchid Farm Residence, Southampton, NY, **Project Engineer**
Architect: BOKa
Year: 2007 - Incomplete

VXA Residence, Southampton, NY, **Project Engineer**
Architect: BOKa
Year: 2007 - Incomplete

Aspen Mountain Lodge, Aspen, CO, **Design Engineer**
Architect: Thierry Despont
Year: 2006 - 2009